Index

Acceptances: authorization of, by Reserve Act, xv, 211, 212; definition of trade, 106, 213; the discount and bankers', 111–3, 212; extent of, market, 214–7; function of bankers', 110, 217; the open market and, 211–3; Reserve Bank purchases of, 216; special inducements to buy, 214; volume of member bank, 215.

AGGER, E. E. The Development of an Open Market for Commercial Paper, 209–18.

AGRICULTURAL AND COMMERCIAL LOANS. J. B. McDougal, 199–203.

Agricultural loans: charge of discrimination against, 203, 206, 207–8; commercial and, 201, 202; rediscount rates and, 208; relation of, to reserve deposits, 201; relative nature of, 199–201. *See* Agricultural paper.

Agricultural paper: definition of, 106; eligibility of, for discount, 106–10; maturity of, xii, 106–7.

Aldrich Plan: comparison with Reserve Act, 23, 48–9, 64; lack of public confidence in, 23, 30; substance of, 21. *See* Aldrich-Vreeland emergency currency.

Aldrich-Vreeland emergency currency: availability for war demand, 50; Federal Reserve notes and, 54–5; National Currency Associations and, 52–3, 136; provisions of act granting, 50, 52; retirement of, 53–4; statistics of, 51.

ALDRICH-VREELAND EMERGENCY CURRENCY, THE. Homer Joseph Dodge, 49–55.

Amendments to Federal Reserve Act: Act of April 13, 1920, 121; Act of June 21, 1917, 115–6; Act of March 3, 1919, 119; Act of September 7, 1916, 114–5, 120; Act of September 26, 1918, 118–9; bearing and trend of, xvii; foreign banking, 119–20.

AMENDMENTS TO THE FEDERAL RESERVE ACT. Walter S. Logan, 114–21.

American Bankers Association: xvi, 15, 167, 168.

ASSUMPTION OF TREASURY FUNCTIONS BY THE FEDERAL RESERVE BANKS, THE. Murray S. Wildman, 129–35.

Baltimore Plan: 15.

BANKING HISTORY FROM THE FIRST BANK OF THE UNITED STATES THROUGH THE PANIC OF 1907, OUTLINE OF. B. H. Beckhart, 1–16.

Banking reform: educational campaign for, 29–36; experiments of 1836–1863 in, 6; general efforts at, 14–6; the national banking system and, 6–7; the National Citizens' League and, 26–9, 34; question of administration, 25; recommendations of National Monetary Commission, 22–3.

Bank rates: 193, 194.

BANK RATES AND BUSINESS ACTIVITY, [REDISCOUNT RATES. George M. Reynolds, 190–5.

BECKHART, B. H. Outline of Banking History from the First Bank of the United States Through the Panic of 1907, 1–16.

Branches: development of, 141–2; early disadvantages of, 138–9; establishment of, 137–8, 139; functions of, 140–1; organization of, 140.

BRANCHES OF FEDERAL RESERVE BANKS, THE ESTABLISHMENT AND SCOPE OF. E. R. Fancher, 135–42.

Business Men's Monetary Conference: 27.

CASE, J. H. Preparation for War and the Liberty Loans, 121–9.

Centralization: 24, 62, 70, 137.

Check-collection system: 60–1, 69; before Reserve System, 82–3, 95; "exchange," 83. *See* Par collection system.

Collection System: *See* Par collection system, Check-collection system.

Commercial banking: ix, xii, 58–9, 155, 187, 208.

Commercial paper: acceptance of, as security, 52; distinction of, from agricultural, 106; eligibility for discount, 107–10, 69; open market for, 209–18.

COMMERCIAL PAPER, THE DEVELOPMENT OF AN OPEN MARKET FOR. E. E. Agger, 209–18.

CONGRESS, THE FEDERAL RESERVE ACT IN. H. Parker Willis, 36–49.

Contraction: *See* Expansion and contraction.

CONTRACTION AS SEEN BY A BUSINESS MAN, EXPANSION AND. J. V. Farwell, 163–7.

CONTRACTION, 1919–1921, CURVES OF EXPANSION AND. A. C. Miller, 142–50.

CONTRACTION FROM THE FEDERAL RESERVE STANDPOINT, EXPANSION AND. John H. Rich, 174–83.

CONTRACTION UNDER THE FEDERAL RESERVE SYSTEM, EXPANSION AND. E. M. Patterson, 151–63.

Country banks: conflict of, on note issues, 61; general advantage of system to, 81–2; old collection system and, 82–3; proportionate borrowings of, 199–200. *See* Agricultural loans.

Credit: business, and Reserve System, ix-x, xxi, 142–4, 192; commercial banking and, ix; control of, 25, 182–3, 195–9; distribution of, 219–20; expansion and contraction of, 69, 178–82; Federal Reserve System and, 219–21; a guide to, policy; 148; member bank, curve, 144–5, 147; more, at lower cost, 218; more, without new uses, 220; an open discount market and mobility of, 210–11; Reserve bank, curve, 145–8.

CREDIT, THE EFFICIENCY OF. O. M. W. Sprague, 218–21.

CREDIT UNDER THE OPERATION OF THE FEDERAL RESERVE SYSTEM, THEORETICAL CONSIDERATIONS BEARING ON THE CONTROL OF BANK. Chester A. Phillips, 195–9.
CRENNAN, C. H. The Integrity of the Federal Reserve System, ix-xxvi.
Currency: appreciation and depreciation of, 151, 157–8; complexities of our, 24, 60; expansion and contraction of, 170–3; function of Reserve System, 89, 169, 173, 176–7; inflation and deflation of, 170–1; revision of, 26–9; shipment of, by Reserve Banks, 90.
Currency Commission: 167–8.
CURRENCY EXPANSION AND CONTRACTION. James B. Forgan, 167–73.
CURVES OF EXPANSION AND CONTRACTION, 1919–1921. A. C. Miller, 142–50.

Deflation: *See* Inflation and deflation.
DEVELOPMENT OF AN OPEN MARKET FOR COMMERCIAL PAPER, THE. E. E. Agger, 209–18.
Directorates of Federal Reserve Banks: Class A directors, 65–6; Class C directors, 65–6, 73; purpose of, 65, 88; Reserve Board and, 65–7, 71.
DISCOUNT, ELIGIBILITY FOR. Charles L. Powell, 105–13.
Discount rate: Act of April 13, 1920 and, 121; adjustment of, of Reserve Banks, xviii, 184–90; agricultural paper and, 107–10; bankers' acceptances and, 110–3; commercial paper and, 107–10; open market, 209–18; price level and, 220–1; question of raising of, 160, 165, 166; Table of Reserve Bank, 1915–1921, 216; variations in, 62–3. *See* Open market, Rediscount rate.
DISCOUNT RATE, PRINCIPLES GOVERNING THE. W. P. G. Harding, 183–9.
DODGE, HOMER JOSEPH. The Aldrich-Vreeland Emergency Currency, 49–55.

EARLY FUNCTIONING OF THE FEDERAL RESERVE SYSTEM. Arthur Reynolds, 74–9.
Earning assets of the Federal Reserve System, 77–8.
Edge law corporations: xxiv–xxv.
Educational campaign for banking reform: aid from politics, 33; magnitude of undertaking, 29–30; publicity media, 31–3; recruiting of forces, 31; success of, 36.
EDUCATIONAL CAMPAIGN FOR BANKING REFORM, THE. A. D. Welton, 29–36.
EFFICIENCY OF CREDIT, THE. O. M. W. Sprague, 218–21.
ELIGIBILITY FOR DISCOUNT. Charles L. Powell, 105–13.
ESTABLISHMENT AND SCOPE OF BRANCHES OF FEDERAL RESERVE BANKS, THE. E. R. Fancher, 135–42.
Exchange charges: xxv, 83, 95, 116, 117.
Expansion and contraction: business viewpoint, 163–7; contrast with inflation and deflation, 152; currency, 170–3; determinable factors in, 149, 150; discount rate and, 159, 160–2, 164, 165, 166; of Federal Reserve notes, 177; increased gold reserve and, 154; measurement of, 142–4; member bank credit curve of, 144–5; possibility for bankers to check over-expansion, 163–5; prevention of over-expansion and over-contraction, 166–7; Reserve Bank credit curve and, 146–8.
EXPANSION AND CONTRACTION AS SEEN BY A BUSINESS MAN. J. V. Farwell, 163–7.
EXPANSION AND CONTRACTION, CURRENCY. James B. Forgan, 167–73.
EXPANSION AND CONTRACTION, 1919–1921, CURVES OF. A. C. Miller, 142–50.
EXPANSION AND CONTRACTION FROM THE FEDERAL RESERVE STANDPOINT. John H. Rich, 174–83.
EXPANSION AND CONTRACTION UNDER THE FEDERAL RESERVE SYSTEM. E. M. Patterson, 151–63.
EVOLUTION AND PRACTICAL OPERATION OF THE GOLD SETTLEMENT FUND, THE. George J. Seay, 95–105.

FANCHER, E. R. The Establishment and Scope of Branches of Federal Reserve Banks, 135–42.
Farmer: charge of discrimination against, 186, 203, 206, 207–8; Reserve Banks' problem, 181–2. *See* Agricultural loans.
FARWELL, J. V. Expansion and Contraction as Seen by a Business Man, 163–7.
Federal Advisory Council: 64–5, 170, 188–9.
Federal Reserve Act: amendments to, xvii, 114–21; attempts at change in, xvi, 57; attempts at substitutes for, 40–1; changes by Senate, 46–7; comparison with Aldrich Plan, 23, 48–9; digest of preliminary measure, 41–5; establishment of open market under, 211–13; inception of measure, 37, 48; increased deposit liabilities under, 153–4; meaning and purpose of, ix, 56, 58, 60, 62, 68–9, 87, 169, 173; Mr. McAdoo and, 39–40; passage by House, 45–6; public hearings on, 38–9; relations of, to international finance, xxiv-xxv.
FEDERAL RESERVE ACT IN CONGRESS, THE. H. Parker Willis, 36–49.
Federal Reserve agents: Gold Fund, 100–1.
Federal Reserve Banks: avoidance of investment operations by, xxii, xxiv; capital and dividends of, 67; clearings and transfers of, through Gold Settlement Fund, 97–9, 102, 103–4; commercial scope of, ix, 58, 59; credit curve of, 145–8; criticism and defense of activities of, 206–9; as depositaries, 132–3; directorates of, xv, 65–7, 88, 200; early operation of, xiii–v, 74–5; facilities of, for war financing, 156–7, 121; as

fiscal agents of the government, 59, 87, 124, 134, 161, 203–4; functions of, 68–9, 72, 74–5; impounding of gold by, 122–3, 162, 192; interrelations of, 92–5; intra-district clearing plan of, 99–100, 101; as Liberty Loan agents, 125–9, 156–7, 204; loaning operations of, 93, 94, 199–203; nature of, ix, xx, 56, 58, 87–8; necessity for, to adhere to rules of eligibility for discount, 113; par collection system of, 83–5, 141, 61, 75, 76, 116; regional character of, xxi, 62–3, 92; relations with Reserve Board, 72, 73, 93–4; relations with member banks, 88–9, 91–2, 175–6, 178–9; Treasury duties assumed by, 134–5; violation of sound banking principles by, 204–5; war compulsions as cementing factor of, 89, 203–4.

FEDERAL RESERVE BANKS, POPULAR AND UNPOPULAR ACTIVITIES OF THE FEDERAL RESERVE BOARD AND THE. William A. Scott, 203–9.

Federal Reserve Board: character of the 63–5, 71; criticisms and defense of, policy, 206–9; definitions of eligible paper by, 106; early operation of the, xiv, 74–5; independence of, 57–8, 74; personnel of, xv, 71, 72, 73–4; political pressure and the, xiv, 71–4; Reserve Bank directorates and, 65–7, 71; Reserve Banks and, xxi, 72, 73, 93–4; rediscount problem confronting, 189; suggested remedy for certain defects in, 71–2.

FEDERAL RESERVE BOARD AND THE FEDERAL RESERVE BANKS, POPULAR AND UNPOPULAR ACTIVITIES OF THE. William A. Scott, 203–9.

Federal Reserve Notes: xxiii, 24, 53, 60, 69, 89, 122, 169, 171, 176–8, 195.

FEDERAL RESERVE SYSTEM, STATE BANKS AND PAR COLLECTIONS, THE. Pierre Jay, 79–86.

First United States Bank: 1–2, 6, 136–7.

Foreign banking systems: 20, 24, 25, 160, 171–3, 190.

FORGAN, JAMES B. Currency Expansion and Contraction, 167–73.

FUNCTIONING OF THE FEDERAL RESERVE SYSTEM, EARLY. Arthur Reynolds, 74–9.

GIDNEY, R. M. Relations of Reserve Banks to Member Banks and Inter-Relations of Federal Reserve Banks, 87–95.

GOLD: control of, by Federal Reserve System, xxv; impounding of, by Reserve Banks, 122–3; increased, reserve, 154, 169, 192; influx of, xxv, 162, 192; Table of, 1917–1919, 123. *See* Gold Settlement Fund.

Gold Settlement Fund: Amendment of June 21, 1917, 102–3; daily settlements through the, 103–4; early need for, 96–7; establishment of, 97–9; Federal Reserve agents' Gold Fund and, 102; final refinement of, 104.

GOLD SETTLEMENT FUND, THE EVOLUTION AND PRACTICAL OPERATION OF THE. George J. Seay, 95–105.

Gold Standard Act: 9.

Government bonds: xxiii, xxv, 39, 59, 107, 167, 157.

HARDING, W. P. G. Principles Governing the Discount Rate, 183–9.

Independent Treasury: bill creating, 4–5, 129; branches, 137; changes in, under Act of 1920, 134; effect of War on, 133; new policy superseding, 130–1; outgrown system, 130; situation, 1865–1913, 131–2; situation, 1913–1916, 132–3.

Inflation and deflation: as contrasted with expansion and contraction, 152; responsibility for inflation 1914–19, 157; under Reserve Act, 170.

INTEGRITY OF THE FEDERAL RESERVE SYSTEM, THE. A. B. Welton and C. H. Crennan, ix–xxvi.

Investment banking, ix, xxii, 58–9.

JAY, PIERRE. The Federal Reserve System, State Banks and Par Collections, 79–86.

KEMMERER, E. W. The Purposes of the Federal Reserve Act as Shown by Its Explicit Provisions, 62–9.

Liberty Loans: cementing factor in Reserve System, 89; handling of, by Federal Reserve Banks, 126–9, 156–7; machinery for floating, 124–6; partial payments, 126; payment of, by book credit, 127.

LIBERTY LOANS, PREPARATION FOR WAR AND THE. J. H. Case, 121–9.

LOGAN, WALTER S. Amendments to the Federal Reserve Act, 114–21.

McDOUGAL, J. B. Agricultural and Commercial Loans, 199–203.

Member banks: advantages of System to, 81–2, 85, 89–90, 91; credit curve of, 144–5, distribution of, by districts, 81; loans to, 200–3; relations of, with Reserve Banks, 88–9, 91–2, 175–6, 178–9; reserve requirements for, 117–8.

MEMBER BANKS AND INTER-RELATIONS OF FEDERAL RESERVE BANKS, RELATIONS OF RESERVE BANKS TO, R. M. Gidney, 87–95.

Membership: 174–5. *See* National banks, State banks.

MILLER, A. A. Curves of Expansion and Contraction, 1919–1921, 142–50.

Money trust: xii, 30, 35, 37, 40, 57, 58.

National Bank Act: 6–7, 8, 11, 15, 56, 154, 157.

National banks: acceptance powers of, 114–5; and Aldrich-Vreeland emergency currency

52–3; foreign banking provisions for, 120; membership in Reserve System, xvi, 67, 79, 87, 123–4, 174; in panic of 1907, 11–12; trust powers of, 118–9; under Act of 1864, 7; under Act of 1865, 8; under the Gold Standard Act, 9.

National banking system: aims and establishment of, 6–7; difficulty of open market operations under, 211; entrance of state banks into, 8; weaknesses of, 11–15, 22–3, 135, 153, 168.

National bank notes: inelasticity of, 13–14; issue of, under plan of Monetary Commission, 16; seasonal variations in, 13, 14; under Act of 1864,7; under Gold Standard Act, 9.

National Citizens' League: influence on Glass bill, 36; organization and development of, 27–9 31; politics and the, 33; publicity of the 31–3; purpose and result of, xi, 35–6; resolutions leading to formation of, 26–7; statement of principles of, 34.

NATIONAL CITIZENS' LEAGUE; A MOVEMENT FOR A SOUND BANKING SYSTEM, THE. H. A. Wheeler 26–9.

National Currency Associations, xiii, 52–3, 136, 137.

National Monetary Commission: disclosures of studies by, 21–2, 61; duties of, 17–18; origin of, 17, 168; publications of, 18–21; investigation of foreign banking by the, 20; recommendations of, 22–3; the Reserve Act and the, 23; unlearned lessons from, 24–5.

NATIONAL MONETARY COMMISSION, THE STUDIES OF THE. N. A. Weston, 17–26.

Non-member institutions: attitude of, 81; inevitability of, xvi; par collection system and, 117; provision for clearing by, under Amendment of June 21, 1917, 116.

Open Market: bills bought in, 217; conditions creating an, 210–11; establishment of, by Reserve System, 211–14; function of, 209–10; importance of the, xix–xx; Reserve Bank purchases in, 216.

OPEN MARKET FOR COMMERCIAL PAPER, THE DEVELOPMENT OF AN. E. E. Agger, 209–18.

Organization Committee: xiii, 73, 92, 138.

Panic of 1907: general causes of, 10; immediate causes of, 10–11; lesson of, 168; measures for relief, 14; results of, 167, 168; revelation of weakness in American banking system through, 12–3, 167.

Par collection system: aid of branches in, 141; growth and advantage of, 83–85, 90, 117; inclusion in section on note issues, 61; institution of, 76, 75, 116; non-member banks and, 117; opposition to, on part of non-member institutions, 81, 85; transfers of funds under, 86, 117.

PATTERSON, ERNEST MINOR. Expansion and Contraction Under the Federal Reserve System, 151–63.

PHILLIPS, CHESTER A. Theoretical Considerations Bearing on the Control of Bank Credit Under the Operation of the Federal Reserve System, 195–9.

POLITICAL PRESSURE AND THE FUTURE OF THE FEDERAL RESERVE SYSTEM. Paul M. Warburg, 70–4.

Politics: dangers to integrity of Federal Reserve System, 71–4.

POPULAR AND UNPOPULAR ACTIVITIES OF THE FEDERAL RESERVE BOARD AND THE FEDERAL RESERVE BANKS. William A. Scott, 203–9.

POWELL, CHARLES L. Eligibility for Discount, 105–13.

PREPARATIONS FOR WAR AND THE LIBERTY LOANS. J. H. Case, 121–9.

PRINCIPLES GOVERNING THE DISCOUNT RATE. W. P. G. Harding, 183–9.

Public opinion and the Reserve System, ix–xi, xx, xxii, 159, 203, 209.

PURPOSES OF THE FEDERAL RESERVE ACT AS SHOWN BY ITS EXPLICIT PROVISIONS, THE. E. W. Kemmerer, 62–9.

Rediscount rate: Act of September 7, 1916 and, 115, advantages of Reserve Bank, facilities, 81–2, 89, 169, 180–1; as credit regulator, 159, 182–3, 196, 198–9; early prejudice against, 75–6; the farmer and the, 208; influences affecting, 191–4; interbank, 92, 155, 161; market rate and, 184, 185, 186, 187, 188, 190, 198–9, 204; pressure for lower, 205–6; problem confronting Reserve Board, 189; a progressive, 165; proper policy as to, 173, 184–90; question of raising the, 160, 161–2; 165, 166, 170; recommendations of Advisory Council as to, 188–9, 191–2; relation of, to expansion and contraction, xvii, 179, 192–3, 205. *See* Discount Rate.

REDISCOUNT RATES, BANK RATES AND BUSINESS ACTIVITY. George M. Reynolds, 190–5.

RELATIONS OF RESERVE BANKS TO MEMBER BANKS AND INTER-RELATIONS OF FEDERAL RESERVE BANKS. R. M. Gidney, 87–95.

RESERVE ACT IN ITS IMPLICIT MEANING, THE. A. D. Welton, 56–62.

REYNOLDS, ARTHUR. Early Functioning of the Federal Reserve System, 74–9.

REYNOLDS, GEORGE M. Rediscount Rates, Bank Rates and Business Activity, 190–5.

RICH, JOHN H. Expansion and Contraction from the Federal Reserve Standpoint, 174–83.

SCOTT, WILLIAM A. Popular and Unpopular Activities of the Federal Reserve Board and the Federal Reserve Banks, 203–9.

SEAY, GEORGE J. The Evolution and Practical Operation of the Gold Settlement Fund, 95–105.

Second Bank of the United States: 2–4, 6, 61, 136–7.

SPRAGUE, O. M. W. The Efficiency of Credit, 218–21.

State banks: entrance of, into national banking systems, 8; growth of, 1896–1907, 10; in chaos of 1811–1816, 2, 4; in panic of 1907, 11; membership in Federal Reserve System, xvi, 74, 76, 79–81, 88, 115–6, 124, 174; statistics of, from 1836–1863, 5–6; unsuccessful use of, as depositaries, 4.

STATE BANKS AND PAR COLLECTIONS, THE FEDERAL RESERVE SYSTEM. Pierre Jay, 79–86.

STUDIES OF THE NATIONAL MONETARY COMMISSION, THE. N. A. Weston, 17–26.

Subtreasuries: assumption of duties of, by Reserve Banks, 130–1, 134–5; general abandonment of, 134; investigation of, 131; objectionable features of, 130. *See* Independent Treasury.

THEORETICAL CONSIDERATIONS BEARING ON THE CONTROL OF BANK CREDIT UNDER THE OPERATION OF THE FEDERAL RESERVE SYSTEM. Chester A. Phillips, 195–9.

TREASURY FUNCTIONS BY THE FEDERAL RESERVE BANKS, THE ASSUMPTION OF. Murray S. Wildman, 129–35.

Trust companies: growth of, 1896–1907, 10; in panic of, 1907, 11; membership in Reserve System, 87, 80, 115, 174.

War Finance Corporation: xvii, xxii, xxiii, 59–60, 107, 166–7, 191.

WARBURG, PAUL M. Political Pressure and the Future of the Federal Reserve System, 70–74.

WELTON, A. D. The Educational Campaign for Banking Reform, 29–36. The Integrity of the Federal Reserve System, ix–xxvi. The Reserve Act in Its Implicit Meaning, 56–62.

WESTON, N. A. The Studies of the National Monetary Commission, 17–26.

WHEELER, HARRY A. The National Citizens' League: A Movement for a Sound Banking System, 26–9.

WILDMAN, MURRAY S. The Assumption of Treasury Functions by the Federal Reserve Banks, 129–35.

WILLIS H. PARKER. The Federal Reserve Act in Congress, 36–49.